

<b>A. CLASSIFICATION OF SUBJECT MATTER</b>		
<b>IPC7: A61K 45/06, A61K 31/165, A61K 31/465, A61P 29/00</b> According to International Patent Classification (IPC) or to both national classification and IPC		
<b>B. FIELDS SEARCHED</b>		
Minimum documentation searched (classification system followed by classification symbols)		
<b>IPC7: A61K</b>		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
<b>SE,DK,FI,NO classes as above</b>		
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)		
<b>WPI DATA, EPO-INTERNAL, PAJ, MEDLINE, BIOSIS</b>		
<b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 1310493 A1 (PFIZER PRODUCTS), 14 May 2003 (14.05.2003), see paragraph [0100] --	1-21
X	WO 03042191 A1 (PFIZER PRODUCTS), 22 May 2003 (22.05.2003), page 40, line 13 - line 18 --	1-21
A	WO 03041707 A1 (ASTRAZENECA AB), 22 May 2003 (22.05.2003) --	1-21
A	WO 0144170 A1 (ASTRAZENECA AB), 21 June 2001 (21.06.2001) --	1-21
<input checked="" type="checkbox"/> Further documents are listed in the continuation of Box C. <input checked="" type="checkbox"/> See patent family annex.		
* Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "B" earlier application or patent but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art "&" document member of the same patent family		
Date of the actual completion of the international search <b>17 Sept 2004</b>		Date of mailing of the international search report <b>23 -09- 2004</b>
Name and mailing address of the ISA/ Swedish Patent Office Box 5055, S-102 42 STOCKHOLM Facsimile No. +46 8 666 02 86		Authorized officer <b>CAROLINA GÓMEZ LAGERLÖF/BS</b> Telephone No. +46 8 782 25 00

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 0142194 A1 (ASTRAZENECA AB), 14 June 2001 (14.06.2001)  --	1-21
A	WO 0061569 A1 (ASTRAZENECA AB), 19 October 2000 (19.10.2000)  -- -----	1-21

# INTERNATIONAL SEARCH REPORT

International application No.  
**PCT/SE 2004/000817**

## Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.: **20-21**  
because they relate to subject matter not required to be searched by this Authority, namely:  
**see extra sheet**
2. ☒ Claims Nos.: **1, 8, 12**  
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:  
**see extra sheet**
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

## Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

### Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.  
☐ No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

International application No.  
PCT/SE 2004/000817

Box II.1

Claims 20-21 relate to methods of treatment of the human or animal body by surgery or by therapy or diagnostic methods practised on the human or animal body (PCT Rule 39.1(iv)). Nevertheless, a search has been executed for these claims. The search has been based on the alleged effects of the compounds or compositions.

Box II.2

Present claims 1, 8, 12 relate to a composition comprising compounds where the compounds are defined by reference to a desirable characteristic or property, namely P2X7 receptor antagonist and TNF $\alpha$  inhibitor. The claims cover all compounds having this characteristic or property, whereas the application provides support within the meaning of Article 6 PCT and disclosure within the meaning of Article 5 PCT for only a very limited number of such compounds. In the present case, the claims so lack support, and the application so lacks disclosure, that a meaningful search over the whole of the claimed scope is impossible. Independent of the above reasoning, the claims also lack clarity (Article 6 PCT).

Consequently, the search has been carried out for those parts of the claims which appear to be clear, supported and disclosed, namely those parts relating to claims 2-7 and 9-11.

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/SE 2004/000817

EP	1310493	A1	14/05/2003	BR	0204588	A	16/09/2003
				CA	2411544	A	12/05/2003
				JP	2003183263	A	03/07/2003
				US	20030144293	A	31/07/2003
				WO	03042190	A	22/05/2003
-----							
WO	03042191	A1	22/05/2003	CA	2466724	A	22/05/2003
				US	20030186981	A	02/10/2003
-----							
WO	03041707	A1	22/05/2003	CA	2464863	A	22/05/2003
				SE	0103836	D	00/00/0000
-----							
WO	0144170	A1	21/06/2001	AT	261933	T	15/04/2004
				AU	2244401	A	25/06/2001
				BR	0016395	A	27/08/2002
				CA	2393352	A	21/06/2001
				CN	1434794	T	06/08/2003
				CZ	20022093	A	15/01/2003
				DE	60009147	D	00/00/0000
				DK	1242364	T	21/06/2004
				EE	200200330	A	15/10/2003
				EP	1242364	A,B	25/09/2002
				SE	1242364	T3	
				EP	1352895	A	15/10/2003
				EP	1352896	A	15/10/2003
				EP	1352897	A	15/10/2003
				GB	0015744	D	00/00/0000
				HU	0300616	A	28/07/2003
				IL	150124	D	00/00/0000
				JP	2003517035	T	20/05/2003
				NO	20022856	A	16/08/2002
				NZ	519378	A	27/02/2004
				PL	355913	A	31/05/2004
				SK	8412002	A	04/02/2003
				US	20030013704	A	16/01/2003
				GB	0017942	D	00/00/0000
				SE	9904651	D	00/00/0000
				ZA	200204125	A	25/08/2003

# INTERNATIONAL SEARCH REPORT

International application No.

PCT/SE 2004/000817

WO	0142194	A1	14/06/2001	AT	263748	T	15/04/2004
				AU	2036301	A	18/06/2001
				BR	0016227	A	01/10/2002
				CA	2394236	A	14/06/2001
				CN	1407968	T	02/04/2003
				CZ	20021982	A	15/01/2003
				EE	200200295	A	15/08/2003
				EP	1240132	A,B	18/09/2002
				SE	1240132	T3	
				HU	0300618	A	28/07/2003
				IL	149762	D	00/00/0000
				JP	2003516382	T	13/05/2003
				NO	20022727	A	29/07/2002
				NZ	518985	A	27/02/2004
				SE	9904505	D	00/00/0000
				SK	7622002	A	09/01/2003
				US	6720452	B	13/04/2004
				US	20020193414	A	19/12/2002
				ZA	200203834	A	14/08/2003

---

# INTERNATIONAL SEARCH REPORT

Information on patent family members

31/07/2004

International application No.

PCT/SE 2004/000817

WO	0061569	A1	19/10/2000	AU	774526	B	01/07/2004
				AU	3994700	A	14/11/2000
				AU	5547000	A	02/01/2001
				BR	0009651	A	08/01/2002
				CA	2368829	A	19/10/2000
				CN	1353702	T	12/06/2002
				CZ	20013608	A	15/05/2002
				EE	200100525	A	16/12/2002
				EP	1171432	A	16/01/2002
				GB	0002330	D	00/00/0000
				HU	0202214	A	28/10/2002
				IL	145505	D	00/00/0000
				JP	2002541249	T	03/12/2002
				NO	20014894	A	10/12/2001
				NZ	514477	A	29/04/2003
				PL	350907	A	10/02/2003
				SK	13422001	A	09/05/2002
				TR	200102911	T	00/00/0000
				US	6492355	B	10/12/2002
				AP	200102041	D	00/00/0000
				AT	250036	T	15/10/2003
				AU	751103	B	08/08/2002
				AU	4950499	A	07/02/2000
				BR	9912109	A	02/05/2001
				CA	2336968	A	27/01/2000
				DE	69911415	D,T	08/07/2004
				DK	1095021	T	24/11/2003
				EE	200100010	A	17/06/2002
				EP	1095021	A,B	02/05/2001
				SE	1095021	T3	
				HK	1035715	A	00/00/0000
				HR	20010039	A	31/12/2001
				HU	0103224	A	28/01/2002
				IL	140346	D	00/00/0000
				JP	2002520395	T	09/07/2002
				NO	20010211	A	15/03/2001
				NZ	508923	A	27/09/2002
				PL	345388	A	17/12/2001
				SE	9901270	D	00/00/0000
				ZA	200108265	A	08/01/2003